Product Name: **TCL1 Mouse Monoclonal Antibody**
Catalog #: **AMM22148**
For research use only.

Summary

Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2a,Kappa
Clonality	Monoclonal
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Purification	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.

Application

Dilution Ratio	IHC 1:200-400;ELISA 1:500-5000
Molecular Weight	Calculated MW:13kDa,Observed MW:13kDa

Antigen Information

Gene Name	TCL1A TCL1
Alternative Names	T-cell leukemia/lymphoma protein 1A;Oncogene TCL-1;Oncogene TCL1;Protein p14 TCL1;
Gene ID	Human:8115
SwissProt ID	Human:P56279
Immunogen	Synthesized peptide derived from human TCL1 AA range: 50-114

Background

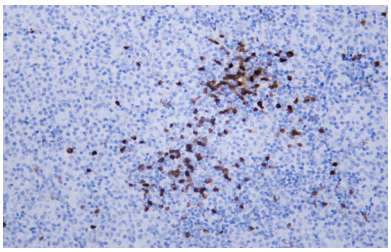
Overexpression of the TCL1 gene in humans has been implicated in the development of mature T cell leukemia, in which chromosomal rearrangements bring the TCL1 gene in close proximity to the T-cell antigen receptor (TCR)-alpha (MIM 186880) or TCR-beta (MIM 186930) regulatory elements (summarized by Virgilio et al., 1998 [PubMed 9520462]). In normal T cells TCL1

is expressed in CD4-/CD8- cells, but not in cells at later stages of differentiation. TCL1 functions as a coactivator of the cell survival kinase AKT (MIM 164730) (Laine et al., 2000 [PubMed 10983986]).[supplied by OMIM, Jul 2010],

Research Area

Pathology

Image Data



Human diffuse large B-cell lymphoma tissue was stained with Anti-TCL1 Antibody